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## IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-2. (Canceled)

3. (Currently Amended) The method of claim 1 A method of operating an implantable medical device (IMD), comprising:

positioning a first sonomicrometer crystal at a first location relative to a heart;

positioning a second sonomicrometer crystal at a second location relative to the heart;

determining the distance between the first and second sonomicrometer crystals; and

adjusting the operation of the IMD as a function of the determined distance, wherein the IMD comprises an implantable pacing system, and further comprising:

delivering a pacing pulse to the first heart chamber to elicit a contraction of the heart chambers;

determining whether a series of measured distances represents the contraction; and

adjusting a pacing energy of succeeding delivered pacing pulses to elicit the contraction upon delivery of each pacing pulse.

- 4. (Currently Amended) An apparatus for use in providing therapy to a heart, comprising:
  - a sensor to measure at least one distance measurement in the heart;
- a first sonomicrometer crystal positioned at a first location relative to a heart;

a second sonomicrometer crystal positioned at a second location relative to the heart;

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a processor circuit determining the distance between the first and second sonomicrometer crystals; and

a delivery circuit coupled to the sensor to deliver a first pacing pulse to a first location in the heart, to deliver a second pacing pulse to a second location in the heart, and to control time of delivery of at least one of the first and second pacing pulses based on the at least one distance measurement delivering a pacing pulse to the first heart chamber to elicit a contraction of the heart chamber, wherein the processor circuit determines whether a series of measured distances represents the contraction, and adjusts a pacing energy of succeeding delivered pacing pulses to elicit the contraction upon delivery of each pacing pulse.

Claim 5 (Canceled)